

Ayush Gupta

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Education

Vellore Institute of Technology, Bhopal

Bachelor of Technology in Computer Science and Engineering

May 2026

CGPA: 8.34/10

Technical Skills

Programming Languages: Java, JavaScript, Python, C++, HTML, CSS

Libraries & Frameworks: React.js, Node.js, Express.js, Tailwind CSS, Bootstrap

Databases: MongoDB, MySQL

Tools & Technologies: Git, GitHub, VS Code, Postman, JWT, REST APIs

Projects

Nagarsaathi – Civic Complaint Management System

GitHub | Apr 2025

Tech Stack: React.js, Node.js, Express.js, MongoDB, Google OAuth, JWT

- Developed a full-stack MERN application for ward-wise civic complaint registration with real-time status tracking, administrative dashboard, and admin analytics panel for complaint resolution monitoring
- Engineered secure authentication using Google OAuth 2.0 and JWT-based session management with role-based access control for citizens and administrators
- Implemented QR code-based mobile complaint submission, reducing average filing time by 70% and enhancing accessibility for non-technical users

Tunetrail – Music Streaming Platform

GitHub | Nov 2024

Tech Stack: React.js, Node.js, Express.js, MongoDB, Tailwind CSS

- Built a full-stack music streaming platform with 1,000+ song library, featuring playlist management, queue control, and real-time audio streaming capabilities
- Designed responsive UI with React.js and Tailwind CSS, ensuring cross-platform compatibility and optimal user experience on desktop and mobile devices
- Developed RESTful API architecture for user authentication, playlist CRUD operations, and efficient audio file streaming with Express.js

Signet – Reusable Authentication Module

GitHub | Sept 2024

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, bcrypt.js, Nodemailer

- Created a modular MERN stack authentication system with complete user lifecycle management including registration, login, and session handling
- Implemented JWT-based stateless authentication and bcrypt password hashing for secure credential storage
- Integrated automated email verification via OTP validation and password reset functionality using Nodemailer

Certifications

Full Stack Developer MERN | SmartBridge

Apr 2025

Java (Basics) | HackerRank

July 2025

Data Structures and Algorithms in Java | Apna College

Aug 2025

Achievements

Coding Platform Achievements

GeeksForGeeks Profile

- Achieved an institute rank of 457 by solving 400+ problems in Java on GFG, with a coding score of 1190.
- Consistently solved 200+ problems on GeeksForGeeks & LeetCode as a part of 100 Days of Code challenge.

Extracurricular Activities

Core Member, Design Team – AMS Student Chapter, VIT Bhopal

Apr 2024 – Aug 2024

- Collaborated with a team of 5 designers to create 20+ graphic assets, strengthening the club's brand identity and visual presence
- Contributed to almost 50% growth in social media engagement and event participation through consistent, high-quality design deliverables